BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

BBMP/2018-19/OW/WORK_INDENT34168

Providing Children Play Equipment, Gym items Kogilu Lake and Thrumenahalli Lake at Ward No.5 Jakkur

SNo	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
1	33.28	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	342.00	Rupees Three Hundred Forty Two Only
2	9.36	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	6207.00	Rupees Six Thousand Two Hundred Seven Only
3	72.00	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density.	Cum	373.00	Rupees Three Hundred Seventy Three Only
4	24.00	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5947.00	Rupees Five Thousand Nine Hundred Forty Seven Only
5	240.00	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	1410.00	Rupees One Thousand Four Hundred Ten Only
6	462.00	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos	468.00	Rupees Four Hundred Sixty Eight Only
7	93.60	Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	70.00	Rupees Seventy Only
8	135.00	Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications.	Cum	3032.00	Rupees Three Thousand Thirty Two Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone
2/3/19

	antity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
9	2.00	Supply and Fixing of Pull Down Challenger. Metal: All tubular steel of 2 .5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All weld d joints are scalloped as necessary and welded to an approved MIG process.All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at II the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. Allmetal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for th e handles. Bearings:Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified internat ional certifying agency such as IPEMA,TUV,CPSC, or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS ma rk as has been issued in the EN16630 safety certificates. Size_ L x W x H): 2570 x 805 x 2685 mm. Weight: 85.4 Kg Safety Area : 6287 x 4858 mm Capacity_2 Persons	Each	259200.00	Rupees Two Lakh(s) Fifty Nine Thousand Two Hundred Only
10	2.00	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.Smm thikness are galvanized and z inc dipped. Joints are Robotic welded. All welded joints t1H • scalloped as necessary and welded to an approved MIG process. All welds an• 111 csed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w 11lt1ing points prior to finishing. All metal parts are powder coated using AKZO Nobel (11 ca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in rn 1r a lt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handle!,,Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely Prt' ,ssembled equipment modules. Maintenance: Maintain according to EN 166630 and the maintenance guide. Safety: All products must be tested and certified to mt•(•lEN16630 safety standards with GS test mark. The EN 16630,certificates must be issued by a reputed notified international certifying agency such as IPEMA, 1UV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS inark as has been issued in the EN16630 safety certificates. All products must carry n GS mark :in it.. Size_ L x W x H): 1955 x 733 x 2058 mm. Weight : 86.6 Kg Safety Arc:.1: 5545 x 4470 mm Capacity_2 Persons.	Each	248400.00	Rupees Two Lakh(s) Forty Eight Thousand Four Hundred Only

Gopi Reddy

2/3/19

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
11	2.00	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.Smm thit.kness are galvaniied and zinc dipped. Joints are Robotic welded. All welded joiflts arc scalloped as necessary and welded to an approved MIG process. All welds arc dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt S'PI,ray machine.that uses a 5% NaCl solution in accordance to IS07227 to speed up3 c_6rrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety:All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mork• EN16630 Certificates must be in the name of tendering party and not any 3rd p;:11 ty All products must carry a GS mark on it.. Size_L x W x H}: 1390 x 805 x 1100 mm. Weight: 42.4 Kg Safety Area: 3790 x 3205 mm Capacity_1 Person.	Each	178200.00	Rupees One Lakh(s) Seventy Eight Thousand Two Hundred Only
12	2.00	Supply and fixing of Elliptical Cross Trainer. Metal: All t\jbular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are RClbotic welded. All weldecl 1oints a re scalloped as necessary and welded to an approve(j MIG process. All welds .i re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at .ill the welding points prior to finishing. Alt metal parts are PCl\vder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are testecJ in our salt spray machine that uses a 5% NaCl solution iri ilccordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality €rip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely.pre-assembled equipment modules. Maintenance: Maintain according to EN 1G630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards w ith GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agl!ncy uch as IPEMA,TUV ,CPSC, or SGS only .The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with 1 he tender document. Alt products must clearly display tt) GS mark as has been i ued in the EN16630 safety certificates. Size_L x W x H):126/ 582 x 1764 mm. Weight : 43.5 Kg Safety A rea: 4322 x 3632 mm Capacity 1Person.	Each	151200.00	Rupees One Lakh(s) Fifty One Thousand Two Hundred Only

Contractor

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Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
13	2.00	Supply and Fixing of Rider. Metal: All tubular steel of 2.smm thickness are galvd 1 ilzed and zinc dipped . Joints are Robotic welded. All weldect joints are scalloped as necessary and welded to an approved MIG proi;ess. .<\11 welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder Clated using AKZO Nobel-G reat Wall powder to the thickness of 80-120 microns. All ll\etal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accorcJ<ince to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubher is used for the handles. 5 Bearings : Maintenance-free ball bearings...Scope of c:l livery: 1completely pre-assembled equipment modules. Maintenance: Maint<1in according to EN 16630 a nd the maintenance guide. Safety: Alf products must b tested and certified to meet EN16630 safety standards with GS test mark. The El\! 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark-EN16630 Certificate must be in the name of tendering party and not any 3rd party. All products 'hust clearly display the GS mark as has been issued in the EN 16630 safety certificat . Size L x w x H): 910 x 655 x 1270 mm. Weight : 29.5 Kg Safety Area: 3310 x tnm C;pacity_l Person	Each	97200.00	Rupees Ninety Seven Thousand Two Hundred Only
14	2.00	Supply and Fixing of Bicycle. Metal: All tubular steel of 25mm thickness are galvani zed and zinc dipped. Joints are Robotic welded. All welded joint s are S('.llloped as necessary and w eldea to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the weltling points prior to finishing.All metal parts are powder coated using AKZO Nobel GreatWall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt v pray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up -orrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. each 1 125000 125000 131188 131188 134500 134500 Bearings: Maintenance-free ball bearings . Scope of delivery: 1completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to mee t EN16630 safety standards only by a reputed notified international certifying acency such as IPEMA,TUV,CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x 498 x 120 mm. Weight : 51.5 Kg Safety Area: 3400 x 3498 mm Capacity_ l Persons.	Each	135000.00	Rupees One Lakh(s) Thirty Five Thousand Only

Gopireddy

4/3/19

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
15	2.00	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.Smm thickness a re galvanized and zinc dipped.Joints are Robotic welded.All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.Bearings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide.Safety : All products must be tested anEI certified to meet EN16630 safety standards only by a reputed notified international certifying agencv such as IPEMA,TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in t he name of tendering party and not any 3rd party.Size_L x W x H}: 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity 1Persons.	Each	183600.00	Rupees One Lakh(s) Eighty Three Thousand Six Hundred Only
16	2.00	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.Smrn thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates . Size_ L x W x H): 1395 x 650 x1750 mm. Weight: 53.8 Kg Safety Area.: 3795 x 3050 mm Capacity_2 Persons.	Each	194400.00	Rupees One Lakh(s) Ninety Four Thousand Four Hundred Only

H.V. 4/3/19

Gopi Reddy

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
17	2.00	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint s arescalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a S% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bea rings.11 Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EQ_and the maintenance guide.Safety: All productsmust be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS oniy. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document . All products must clearly display the GS mark as has been issued in the EN16630 safety certificates .Sizelx W xH): 1065 x 61S x 1364 mm.Weight: 51Kg. Safety Area: 4090 • 3555mm. Capacity 1 Person	Each	151200.00	Rupees One Lakh(s) Fifty One Thousand Two Hundred Only
18	2.00	Supply and fixing of HD Squat Pushing. Metal:All tub.ular steel of 2.Smm1hicknos are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary: and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles 13 Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules.Maintenance: Maintain according to EN 16630 andthe maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only .The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS ma rk as has been issued in the EN16630 safety certificates.Sizelx W x H): 2270 x 635 x 1640 mm. Weight: 60.2Kg.Safety Area: 5300 * 3685mm. Capacity 2 Persons	Each	232200.00	Rupees Two Lakh(s) Thirty Two Thousand Two Hundred Only

Contractor

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Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Rates quoted by Sri. K Gopi Reddy	
				In figures	In words
19	2.00	Supply and fixing of HD Waist Twister. Metal : All tubular steel of 2.Smm thic k11ess are ga:vanized and zinc dipped. Joints are Robotic welded. All welded joints are scJlloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns.Al l metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up rrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. arings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H}:1460 x 1310 x USO mm. Weight: 39.l Kg Safety Area : 4360 x 4510 mm Capacity_3 Persons.	Each	140400.00	Rupees One Lakh(s) Forty Thousand Four Hundred Only
20	2.00	Providing ,fabricating and fixing Special Multiplay Systems consists of FRP moulded with Aluminium chequered platforms of size 5x5 ft with 4 support piller made out of 75 mm dia G.I "B"pipes fixed in cement concrete 1:2:4.The patforms are to be covered with pyramid shaped FRP roof. The platform is to be with tubular slide & Mini Aquva tunnel Slide made up of high quality FRP the slide is to fixed at a height of 11ft and runs for a length of not less than twenty ft and the slide should be supported at regular intervals of 6ft using M.S pipes support and the platform ladder with 25mm dia MS pipes with suitable hand rails and steps made out of G I sheet with tred 4" with powder coated finish,fine quality FRP with suitable design and as per drawing Moulded FRP slides are non-corrossive ,fade free,tough grade,durable hard and should prevent uv light.The work should be executed as per the standard specifications and directions of the engineer in charge with all lead and lift,loading and unloading and any incidental charge required for it	Each	642600.00	Rupees Six Lakh(s) Forty Two Thousand Six Hundred Only
21	2.00	Providing fabricating and fixing Multiplay Special slider systems consisting of the plat form with 25mm dia MS pipe and Aluminium chequered plates of size 3x3 ft fitted at 7 ft height from ground level with 4 legs made out of 65mm dia G.I pipes fixed cement concrete 1:2:4. The plat forms is to be fitted with FRP wave slide spiral slide and standard slide with vertical ladder on one side each with GI sheet steps of treads 4" 25mm dia MS pipes with suitable Hand rails fixed at a height of 5 ft and runs for a length of not less than 12 ft the platforms are to be coverd with ryramid Shape FRP roof this slide should be supported at regular intervals of 4 ft using MS pipes support powder coated fine quality FRP with suitable design and as per drawing Moulded FRP slides are non-Corrossive fade free ,tough grade ,durable hard and should prevent uv light.The work should be executed as per the standard specifications and directions of the engineer in charge with all lead and lift,loading and unloading and any incidental charges required for the successful competion of the work (ALL FRP items are gel water finish or stoving paint in ovens)	Each	561600.00	Rupees Five Lakh(s) Sixty One Thousand Six Hundred Only
22		GST @ 12%			

Contractor

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